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## TRANSMITTAL FORM

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Total Number of Pages in This Submission


Application Number	10/713,472
Filing Date	November 14, 2003
First Named Inventor	Charles A. Vacanti
Art Unit	1615
Examiner Name	Not yet assigned
Attorney Docket Number	VAC 102 CON (2)

### ENCLOSURES (Check all that apply)

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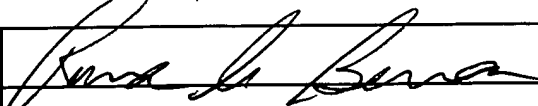
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VAC 102 CON (2) / 095150-00007

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☒ Applicant claims small entity status. See 37 CFR 1.27

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## Complete if Known

Application Number 10/713,472  
Filing Date November 14, 2003  
First Named Inventor Charles A. Vacanti  
Examiner Name Not yet assigned  
Art Unit 1615  
Attorney Docket No. VAC 102 CON (2)

## METHOD OF PAYMENT (check all that apply)

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1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

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Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
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1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
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1402 340	2402 170	Filing a brief in support of an appeal	
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1451 1,510	1451 1,510	Petition to institute a public use proceeding	
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1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
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1802 900	1802 900	Request for expedited examination of a design application	

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## SUBMITTED BY

Name (Print/Type) Tiffany B. Salmon

Registration No. 55,589  
(Attorney/Agent)

(Complete if applicable)

Telephone (404) 879-2153

Signature

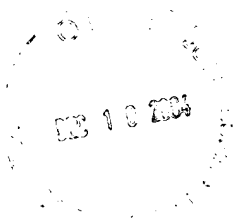
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Charles A. Vacanti, Joseph P. Vacanti, and Martin P. Vacanti

Serial No.: 10/713,472

Art Unit: 1615

Filed: November 14, 2003

Examiner: Not Yet Assigned

For: *GUIDED DEVELOPMENT AND SUPPORT OF HYDROGEL-CELL  
COMPOSITIONS*

Commissioner for Patents  
P.O. Box 1450  
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**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit an Information Disclosure Statement, including 7 pages of Form PTO-1449. The documents cited below were cited by or submitted to the Patent Office in Application Serial No. 09/658,912, filed September 11, 2000, now abandoned, which is a continuation of Application Serial No. 09/200,033, filed November 25, 1998, which issued as U.S. Patent 6,171,610 on January 9, 2001, which is a continuation-in-part of U.S. Serial No. 09/066,038, filed April 24, 1998, to which the present application claims priority. Pursuant to 37 C.F.R. §1.98(d), Applicants are not enclosing copies of these publications. Copies will be provided upon request, however.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) prior to a first Office Action on the merits. It is believed that no fee is required with this submission.

However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-3129.

### U.S. Patents

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
4,191,747	03-1980	Scheicher	
4,846,835	07-1989	Grande	
4,997,443	03-1991	Walthall et al.	
5,041,138	08-1991	Vacanti et al.	
5,071,644	12-1991	Viegas et al.	
5,082,670	01-1992	Gage et al.	
5,126,141	06-1992	Henry	
5,192,326	03-1993	Bao et al.	
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5,855,610	01-1999	Vacanti et al.
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### Foreign Documents

<u>Number</u>	<u>Publication Date</u>	<u>Patentee</u>	<u>Country</u>
0 361 957	04-04-1990	Organogenesis, Inc.	EP
WO 92/06702	04-30-1992	New York University	PCT
WO 93/16687	02-09-1993	Board of Regents, The University of Texas System	PCT
WO 93/24627	12-09-1993	Case Western Reserve University, The Metrohealth System, and The University of Akron	PCT
WO 94/25079	11-10-1994	Massachusetts Institute of Technology and Children's Medical Center Corporation	PCT
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### Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,

  
Tiffany B. Salmon  
Reg. No. 55,589

Dated: December 7, 2004

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/713,472
		Filing Date	November 14, 2003
		First Named Inventor	Charles A. Vacanti
		Group Art Unit	1615
		Examiner Name	
Sheet 1 of 7	Attorney Docket Number	VAC 102 CON (2)	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,191,747		Scheicher	03-1980	
		4,846,835		Grande	07-1989	
		4,997,443		Walthall et al.	03-1991	
		5,041,138		Vacanti et al.	08-1991	
		5,071,644		Viegas et al.	12-1991	
		5,082,670		Gage et al.	01-1992	
		5,126,141		Henry	06-1992	
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		5,318,780		Viegas et al.	06-1994	
		5,405,366		Scheicher	04-1995	
		5,410,016		Hubbell et al.	04-1995	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office. <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		EP	0 361 957		Organogenesis, Inc.	04-04-1990		
		PCT	WO 92/06702		New York University	04-30-1992		
		PCT	WO 93/16687		Board of Regents, The University of Texas System	02-09-1993		

Examiner's Signature		Date Considered	
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		Group Art Unit	1615
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Sheet 2 of 7	Attorney Docket Number	VAC 102 CON (2)	

U.S. PATENT DOCUMENTS						
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		Number	Kind Code <sup>2</sup> (if known)			
		5,411,883		Boss et al.	05-1995	
		5,443,950		Naughton et al.	08-1995	
		5,512,600		Mikos et al.	04-1996	
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		Office. <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		PCT	WO 93/24627		Case Western Reserve The Metrohealth System, and The University of Akron	12-09-1993		
		PCT	WO 94/25079		Massachusetts Institute of Technology, and Children's Medical Center Corporation	11-10-1994		
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		Filing Date	November 14, 2003		
		First Named Inventor	Charles A. Vacanti		
		Group Art Unit	1615		
		Examiner Name			
Sheet	3	of	7	Attorney Docket Number	VAC 102 CON (2)

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		Office. <sup>3</sup>	Number <sup>2</sup>	Kind Code <sup>5</sup> (if known)				
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		PCT	WO 94/25080		Massachusetts Institute of Technology, and Children's Medical Center Corporation	11-10-1994		
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